

## A Practical Guide to Selecting Gametes and Embryos



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Among the many recent advances in assisted reproduction therapies (ART), improved technologies for identifying viable oocytes, sperm, and embryos are of primary importance. Paradoxically, the latest advances presented at conferences and symposia are often slow to become part of the daily routine in IVF laboratories. Detailing established and developing techniques, **A Practical Guide to Selecting Gametes and Embryos** provides a user-friendly text of ready-to-use ARTs that can be utilized effectively in the lab.

In this volume, renowned embryologist and educator Markus Montag and his expert panel highlight sophisticated and proven selection strategies and emphasize the importance of proper lab practice in handling gametes and embryos.

Topics include:

- Steps undertaken for the analysis of a semen sample
- Quality control and prevention of exposure to toxins in oocyte collection and embryo culture
- Morphological selection of gametes and embryos
- Both commonly used and innovative techniques for gamete and embryo selection, such as oxygen respiration and time-lapse imaging
- Invasive techniques, including polar body, embryo, and blastocyst biopsies as well as an euploidy testing by FISH and array-CGH

Accompanied by numerous figures and descriptions, this guide to selecting gametes and embryos brings the insight of international authors with knowledge and expertise, highlighting practical tips and key points. The book offers a starting point for applying successful selection strategies for reducing the rate of high-risk multiple gestations while maintaining or increasing viable pregnancy rates.

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This A Practical Guide to Selecting Gametes and Embryos book is not really ordinary book, you have after that it the world is in your hands. The benefit you get by reading this book is definitely information inside this guide incredible fresh, you will get facts which is getting deeper an individual read a lot of information you will get. This particular A Practical Guide to Selecting Gametes and Embryos without we recognize teach the one who looking at it become critical in considering and analyzing. Don't become worry A Practical Guide to Selecting Gametes and Embryos can bring any time you are and not make your handbag space or bookshelves' come to be full because you can have it in your lovely laptop even mobile phone. This A Practical Guide to Selecting Gametes and Embryos having very good arrangement in word along with layout, so you will not feel uninterested in reading.

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